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**CLAIMS**

1. A respirator face mask providing physiological protection, particularly for aircraft flight crew, comprising:
- an oronasal face piece (10) designed to be connected to a respiratory gas source (5),
  - a semi-flexible lip element (6) with an edge (11) designed to position the oronasal face piece (10) on the face (P) of a user (1), and
  - hygienic protection means (4) which are removably positioned at least partially inside the mask (2) and including a first part (4a, 4c, 4d) which provides hygienic protection and a second part (4b, 4b') which maintains the hygienic protection means (4) inside the mask (2), this second part (4b, 4b') co-operating elastically with the semi-flexible lip element (6) or the face piece (10).
2. The mask as claimed in claim 1, wherein the first (4a, 4c, 4d) and second (4b, 4b') parts of the hygienic protection means (4) include different materials.
3. The mask as claimed in one of the preceding claims, wherein the second part (4b, 4b') is in contact with at least an internal part of the semi-flexible lip element (6).
4. The mask as claimed in one of the preceding claims, wherein a thin lip element (4c, 4d) prolongs, at least in certain areas, the second part (4b, 4b'), so as to extend a few millimeters beyond the edge (11) of the semi-flexible lip element (6).

5. The mask as claimed in claim 4, wherein the thin lip element (4c, 4d) is prolonged over at least an external part of the semi-flexible lip element (6).
- 5 6. The mask as claimed in one of the preceding claims, wherein the first part (4a) of the hygienic protection means (4) includes a filter allowing the respiratory gases to pass through.
- 10 7. The mask as claimed in claim 6, wherein the first part (4a) at least partly filters any infection from the user.
- 15 8. The mask as claimed in one of the preceding claims, wherein the first part (4a) has a corrugated shape, in order to reduce the pressure drop of the hygienic protection means (4).
- 20 9. The mask as claimed in claim 8, wherein the corrugated shape corresponds to waves substantially centered about a central area of the hygienic protection means (4), to facilitate extraction of the hygienic protection means (4)
- 25 from the mask (2).
10. The mask as claimed in one of the preceding claims, including a cord (7), attached to the hygienic protection means (4), facilitating the
- 30 extraction of the hygienic protection means (4) from the mask (2).
11. The mask as claimed in one of the preceding claims, wherein the second part (4b, 4b') is made
- 35 of silicone.
12. The mask as claimed in claim 1, wherein the first part (4c, 4d) of the hygienic protection means (4) covers an area (11) of the semi-flexible lip

element (6) which, in the absence of hygienic protection means (4), would have been in contact with the face (P) once the mask (2) was in place on the latter.

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13. The mask as claimed in one of the preceding claims, wherein the second part (4b') includes an elastic thread (13) gripping the semi-flexible lip element.

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14. The mask as claimed in one of the preceding claims, wherein a flexible structure is placed between the hygienic protection means and an internal part of the semi-flexible lip element (6) and extending beyond the latter.

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15. The mask as claimed in one of the preceding claims, wherein a flexible structure is placed outside the hygienic protection means (4), inside the semi-flexible lip element (6) and extending beyond the latter.

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16. The mask as claimed in one of the preceding claims, including:

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- a part (4b') located outside the semi-flexible lip element (6) and including a structural part providing the seal between the semi-flexible lip element (6) and the hygienic protection means (4),

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- another part (4c) located over the entire external area (11) of the semi-flexible lip element (6) which, in the absence of hygienic protection means (4), would have been in contact with the face (P) once the mask (2) was in place on the latter, and

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- yet another part (4d) which is designed to be pressed onto the face, by the effect of the pressure (PA) of the respiratory gas inside the mask, when the mask (2) is worn, to provide a

seal between the protection means (4) and the face (P).

- 5 17. The mask as claimed in claim 16, wherein the structural part exerts a mechanical pressure (PM) on the semi-flexible lip element (6), the value of which is greater than the maximum value of the maximum pressure (PA) of the respiratory gas, which can prevail inside the mask (2).
- 10 18. The mask as claimed in either of claims 16 and 17, wherein the three parts (4b' 4c and 4d) are formed by a single elastic film.
- 15 19. The mask as claimed in either of claims 16 and 17, wherein the structural part includes an elastic thread (13).